



RAW SEQUENCE LISTING ERROR REPORT

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Application Serial Number:

10/054,534

Source:

01P6

Date Processed by STIC:

2/15/2002

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- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

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Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 01/29/2002



OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/054,534

DATE: 02/15/2002
TIME: 15:27:12

Input Set : A:\6763.USP1.TXT
Output Set: N:\CRF3\02152002\J054534.raw

4 <110> APPLICANT: Abbott Laboratories
 5 Mukerji, Pradip
 6 Huang, Yung-Sheng
 7 Das, Tapas
 8 Thurmond, Jennifer M.
 9 Pereira, Suzette L.
 11 <120> TITLE OF INVENTION: DESATURASE GENES AND USES THEREOF
 14 <130> FILE REFERENCE: 6763.US.P1
 C--> 16 <140> CURRENT APPLICATION NUMBER: US/10/054,534
 17 <141> CURRENT FILING DATE: 2002-01-22
 19 <150> PRIOR APPLICATION NUMBER: US 09/769,863
 20 <151> PRIOR FILING DATE: 2001-01-25
 22 <160> NUMBER OF SEQ ID NOS: 55
 24 <170> SOFTWARE: FastSEQ for Windows Version 4.0
 26 <210> SEQ ID NO: 1
 27 <211> LENGTH: 42
 28 <212> TYPE: DNA
 29 <213> ORGANISM: Artificial Sequence
 31 <220> FEATURE:
 32 <223> OTHER INFORMATION: Primer R0834
 34 <221> NAME/KEY: misc_feature
 35 <222> LOCATION: (3)...(3)
 36 <223> OTHER INFORMATION: b = g or c or t/u at position 3
 38 <221> NAME/KEY: misc_feature
 39 <222> LOCATION: (6)...(6)
 40 <223> OTHER INFORMATION: y = t/u or c at position 6
 42 <221> NAME/KEY: misc_feature
 43 <222> LOCATION: (9)...(9)
 44 <223> OTHER INFORMATION: y = t/u or c at position 9
 46 <221> NAME/KEY: misc_feature
 47 <222> LOCATION: (12)...(12)
 48 <223> OTHER INFORMATION: b = g or c or t/u at position 12
 50 <221> NAME/KEY: misc_difference
 51 <222> LOCATION: (18)...(18)
 52 <223> OTHER INFORMATION: r = g or a at position 18
 54 <221> NAME/KEY: misc_feature
 55 <222> LOCATION: (24)...(24)
 56 <223> OTHER INFORMATION: b = g or c or t/u at position 24
 58 <221> NAME/KEY: misc_feature
 59 <222> LOCATION: (30)...(30)
 60 <223> OTHER INFORMATION: b = g or c or t/u at position 30
 62 <221> NAME/KEY: misc_feature
 63 <222> LOCATION: (33)...(33)

PP 2,4
Does Not Comply
Corrected Diskette Needed

"y" is at position 30

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Input Set : A:\6763.USP1.TXT
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64 <223> OTHER INFORMATION: y = t/u or c at position 33
 66 <221> NAME/KEY: misc_feature
 67 <222> LOCATION: (36)...(36)
 68 <223> OTHER INFORMATION: y = t/u or c at position 36 *b is at position 36*
 70 <221> NAME/KEY: misc_feature
 71 <222> LOCATION: (39)...(39)
 72 <223> OTHER INFORMATION: h = a or c or t/u at position 39
 74 <221> NAME/KEY: misc_feature
 75 <222> LOCATION: (42)...(42)
 76 <223> OTHER INFORMATION: h = a or c or t/u at position 42
 78 <400> SEQUENCE: 1
 79 gtbta⁴gayg tbaccgat⁴ ggtbaagc⁴ caycc⁴gg⁴ gh 42
 81 <210> SEQ ID NO: 2
 82 <211> LENGTH: 45
 83 <212> TYPE: DNA
 84 <213> ORGANISM: Artificial Sequence
 86 <220> FEATURE:
 87 <223> OTHER INFORMATION: Forward Primer R0835
 89 <221> NAME/KEY: misc_feature
 90 <222> LOCATION: (3)...(3)
 91 <223> OTHER INFORMATION: h = a or c or t/u at position 3
 93 <221> NAME/KEY: misc_feature
 94 <222> LOCATION: (6)...(6)
 95 <223> OTHER INFORMATION: y = t/u or c at position 6
 97 <221> NAME/KEY: misc_feature
 98 <222> LOCATION: (12)...(12)
 99 <223> OTHER INFORMATION: y = t/u or c at position 12
 101 <221> NAME/KEY: misc_feature
 102 <222> LOCATION: (27)...(27)
 103 <223> OTHER INFORMATION: y = t/u or c at position 27
 105 <221> NAME/KEY: misc_feature
 106 <222> LOCATION: (33)...(33)
 107 <223> OTHER INFORMATION: y = tu or c at position 33
 109 <221> NAME/KEY: misc_feature
 110 <222> LOCATION: (39)...(39)
 111 <223> OTHER INFORMATION: b = g or c or t/u at position 39
 113 <221> NAME/KEY: misc_feature
 114 <222> LOCATION: (41)...(41)
 115 <223> OTHER INFORMATION: y = t/u or c at position 41
 117 <221> NAME/KEY: misc_feature
 118 <222> LOCATION: (45)...(45)
 119 <223> OTHER INFORMATION: y = t/u or c at position 45
 121 <400> SEQUENCE: 2
 122 gghgc⁴tc⁴ c⁴yaactgg⁴ gaagcaycag cayaacgtbc aycay 45
 124 <210> SEQ ID NO: 3
 125 <211> LENGTH: 45
 126 <212> TYPE: DNA
 127 <213> ORGANISM: Artificial Sequence
 129 <220> FEATURE:

RAW SEQUENCE LISTING

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130 <223> OTHER INFORMATION: Reverse Primer R0836
132 <221> NAME/KEY: misc_feature
133 <222> LOCATION: (1)...(1)
134 <223> OTHER INFORMATION: r = g or a at position 1
136 <221> NAME/KEY: misc_feature
137 <222> LOCATION: (4)...(4)
138 <223> OTHER INFORMATION: r = g or a at position 4
140 <221> NAME/KEY: misc_feature
141 <222> LOCATION: (7)...(7)
142 <223> OTHER INFORMATION: v = a or g or c at position 7
144 <221> NAME/KEY: misc_feature
145 <222> LOCATION: (13)...(13)
146 <223> OTHER INFORMATION: r = g or a at position 13
148 <221> NAME/KEY: misc_feature
149 <222> LOCATION: (19)...(19)
150 <223> OTHER INFORMATION: r = g or a at position 19
152 <221> NAME/KEY: misc_feature
153 <222> LOCATION: (34)...(34)
154 <223> OTHER INFORMATION: r = g or a at position 34
156 <221> NAME/KEY: misc_feature
157 <222> LOCATION: (40)...(40)
158 <223> OTHER INFORMATION: r = g or a at position 40
160 <221> NAME/KEY: misc_feature
161 <222> LOCATION: (43)...(43)
162 <223> OTHER INFORMATION: d = a or g or t/u at position 43
164 <400> SEQUENCE: 3
165 f t g r t g v a c g t t r t g c t g r t g c t t c c a c c a g t t r g c g g a r g c d c c 45
167 <210> SEQ ID NO: 4
168 <211> LENGTH: 36
169 <212> TYPE: DNA
170 <213> ORGANISM: Artificial Sequence
172 <220> FEATURE:
173 <223> OTHER INFORMATION: Reverse Primer R0838
175 <221> NAME/KEY: misc_feature
176 <222> LOCATION: (6)...(6)
177 <223> OTHER INFORMATION: r = g or a at position 6
179 <221> NAME/KEY: misc_feature
180 <222> LOCATION: (12)...(12)
181 <223> OTHER INFORMATION: r = g or a at position 12
183 <221> NAME/KEY: misc_feature
184 <222> LOCATION: (15)...(15)
185 <223> OTHER INFORMATION: y = t/u or c at position 15
187 <221> NAME/KEY: misc_feature
188 <222> LOCATION: (18)...(18)
189 <223> OTHER INFORMATION: r = g or a at position 18
191 <221> NAME/KEY: misc_feature
192 <222> LOCATION: (21)...(21)
193 <223> OTHER INFORMATION: r = g or a at position 21
195 <221> NAME/KEY: misc_feature

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Input Set : A:\6763.USP1.TXT
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196 <222> LOCATION: (24)...(24)
197 <223> OTHER INFORMATION: s = g or c at position 24
199 <221> NAME/KEY: misc_feature
200 <222> LOCATION: (27)...(27)
201 <223> OTHER INFORMATION: r = g or a at position 27
203 <221> NAME/KEY: misc_feature
204 <222> LOCATION: (30)...(30)
205 <223> OTHER INFORMATION: v = a or g or c at position 30
207 <400> SEQUENCE: 4
208 ttgatrgtct arctygrgt rgasaaarggv tggtac 36
210 <210> SEQ ID NO: 5
211 <211> LENGTH: 24
212 <212> TYPE: DNA
213 <213> ORGANISM: Artificial Sequence
215 <220> FEATURE:
216 <223> OTHER INFORMATION: Primer R0753
218 <221> NAME/KEY: misc_feature
219 <222> LOCATION: (10)...(10)
220 <223> OTHER INFORMATION: n = a or g or c or t/u, unknown, or other at
221 position 10
223 <221> NAME/KEY: misc_feature
224 <222> LOCATION: (13)...(13)
225 <223> OTHER INFORMATION: r = g or a at position 13
227 <221> NAME/KEY: misc_feature
228 <222> LOCATION: (16)...(16)
229 <223> OTHER INFORMATION: n = a or g or c or t/u, unknown, or other at
230 position 16
232 <221> NAME/KEY: misc_feature
233 <222> LOCATION: (18)...(19)
234 <223> OTHER INFORMATION: r = g or a at positions 18-19
236 <221> NAME/KEY: misc_feature
237 <222> LOCATION: (22)...(22)
238 <223> OTHER INFORMATION: r = g or a at position 22
240 <400> SEQUENCE: 5
241 catcatcatn ggraanarrt grtg 24
243 <210> SEQ ID NO: 6
244 <211> LENGTH: 30
245 <212> TYPE: DNA
246 <213> ORGANISM: Artificial Sequence
248 <220> FEATURE:
249 <223> OTHER INFORMATION: Primer R0754
251 <221> NAME/KEY: misc_feature
252 <222> LOCATION: (15)...(15)
253 <223> OTHER INFORMATION: y = t/u or c at position 15
255 <221> NAME/KEY: misc_feature
256 <222> LOCATION: (18)...(18)
257 <223> OTHER INFORMATION: y = t/u or c at position 19 18
259 <221> NAME/KEY: misc_feature
260 <222> LOCATION: (21)...(21)

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Input Set : A:\6763.USP1.TXT
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261 <223> OTHER INFORMATION: n = a or g or c or t/u, unknown, or other at
262 position 21
264 <221> NAME/KEY: misc_feature
265 <222> LOCATION: (24)...(24)
266 <223> OTHER INFORMATION: y = t/u or c at position 24
268 <221> NAME/KEY: misc_feature
269 <222> LOCATION: (27)...(27)
270 <223> OTHER INFORMATION: n = a or g or c or t/u, unknown, or other at
271 position 27
273 <221> NAME/KEY: misc_feature
274 <222> LOCATION: (30)...(30)
275 <223> OTHER INFORMATION: y = t/u or c at position 30
277 <400> SEQUENCE: 6
W--> 278 ctactactac tacaycayac ntayacnaay' 30
280 <210> SEQ ID NO: 7
281 <211> LENGTH: 29
282 <212> TYPE: DNA
283 <213> ORGANISM: Artificial Sequence
285 <220> FEATURE:
286 <223> OTHER INFORMATION: Primer R0923
288 <400> SEQUENCE: 7
289 cggcgcgcgtg gtggaaac aagcacaac 29
291 <210> SEQ ID NO: 8
292 <211> LENGTH: 30
293 <212> TYPE: DNA
294 <213> ORGANISM: Artificial Sequence
296 <220> FEATURE:
297 <223> OTHER INFORMATION: Primer R0899
299 <400> SEQUENCE: 8
300 agcggataac aatttcacac aggaaacagc 30
302 <210> SEQ ID NO: 9
303 <211> LENGTH: 30
304 <212> TYPE: DNA
305 <213> ORGANISM: Artificial Sequence
307 <220> FEATURE:
308 <223> OTHER INFORMATION: Primer R0939
310 <400> SEQUENCE: 9
311 cgtactgtc ctcgaggagc ttgagcgccg 30
313 <210> SEQ ID NO: 10
314 <211> LENGTH: 31
315 <212> TYPE: DNA
316 <213> ORGANISM: Artificial Sequence
318 <220> FEATURE:
319 <223> OTHER INFORMATION: Primer R0898
321 <400> SEQUENCE: 10
322 cccagtcacg acgttgtaaa acgacggcca g 31
324 <210> SEQ ID NO: 11
325 <211> LENGTH: 45
326 <212> TYPE: DNA

VERIFICATION SUMMARY

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Output Set: N:\CRF3\02152002\J054534.raw

L:16 M:270 C: Current Application Number differs, Replaced Current Application Number

L:241 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5

L:278 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6